

In the Drawings

Please insert the attached new pages 1-19 of drawings (Figures 1-10) after page 138 (Abstract of the Disclosure) of the application.

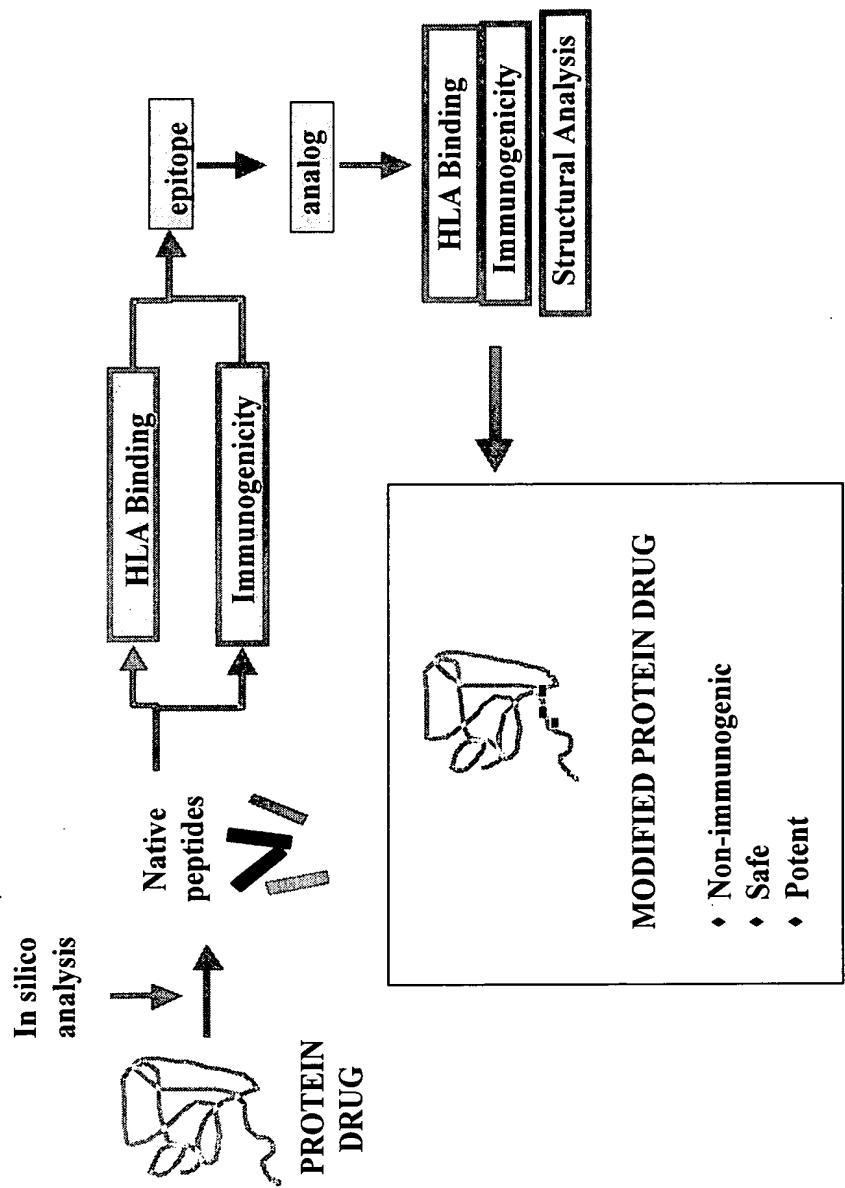


FIG. 1

Epitope

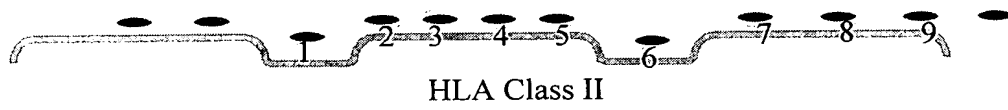


FIG 2

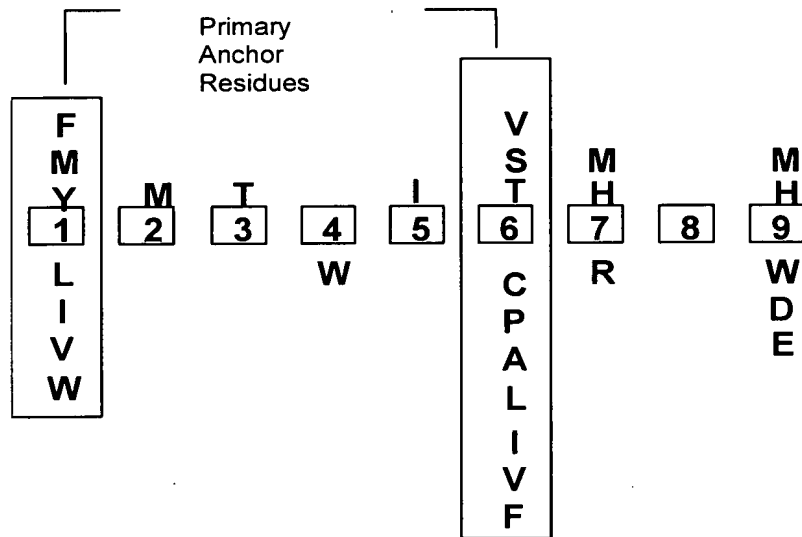


FIG 3

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FIG. 4A

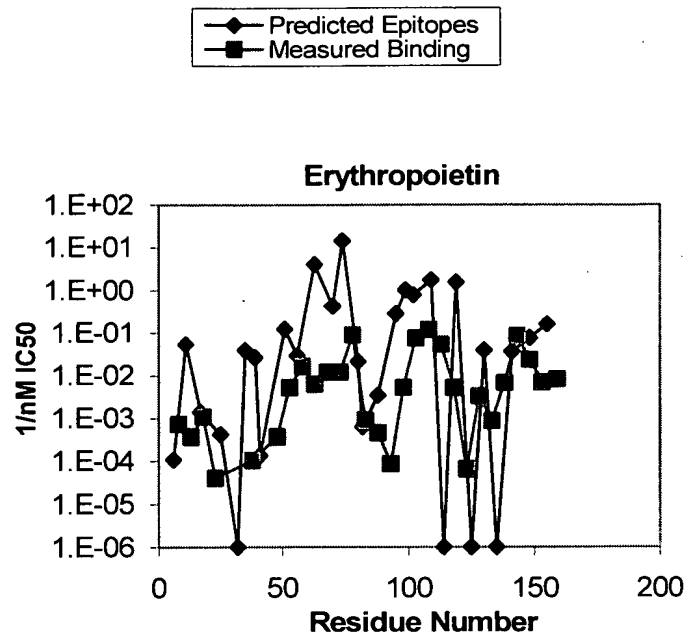


FIG. 4B

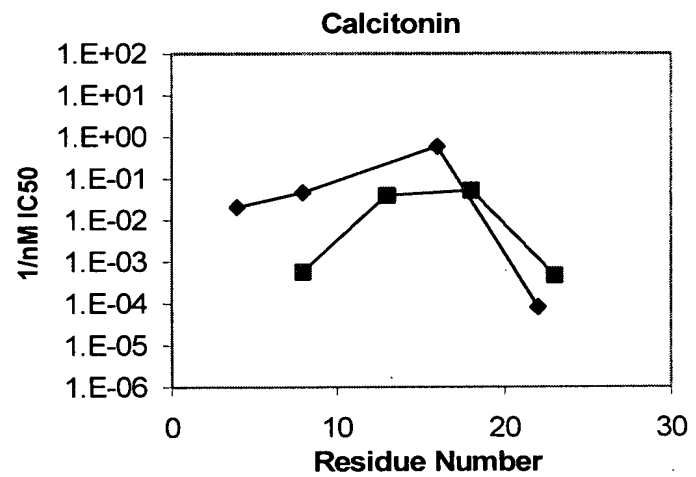
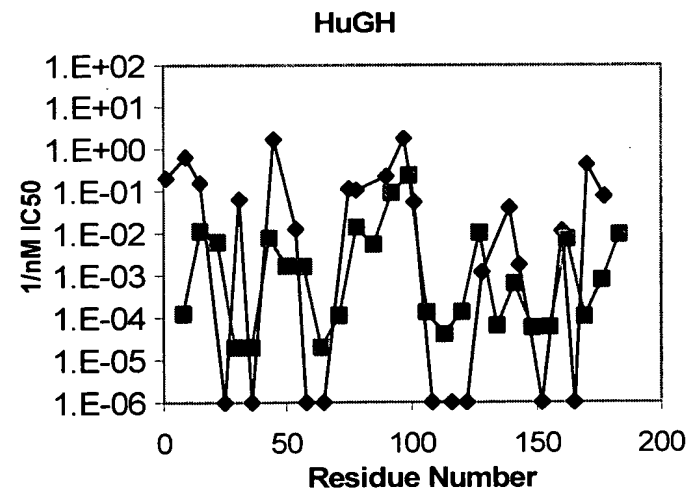


FIG. 4C



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FIG. 4D

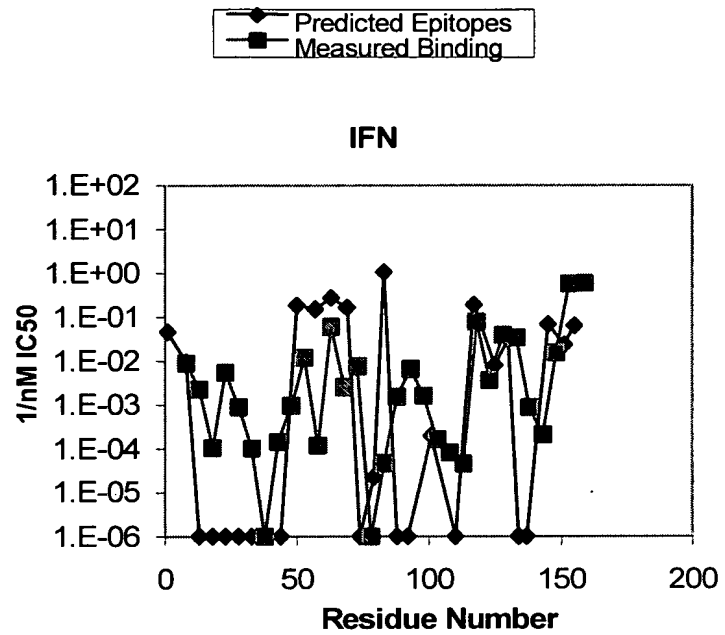


FIG. 4E

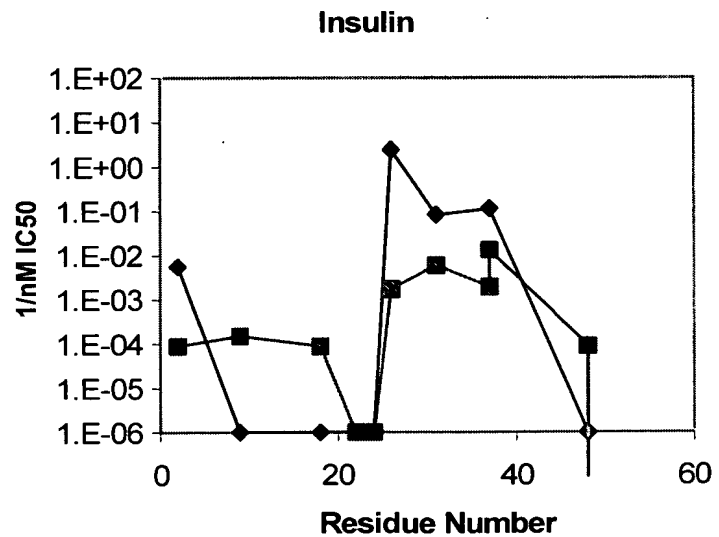


FIG. 5A

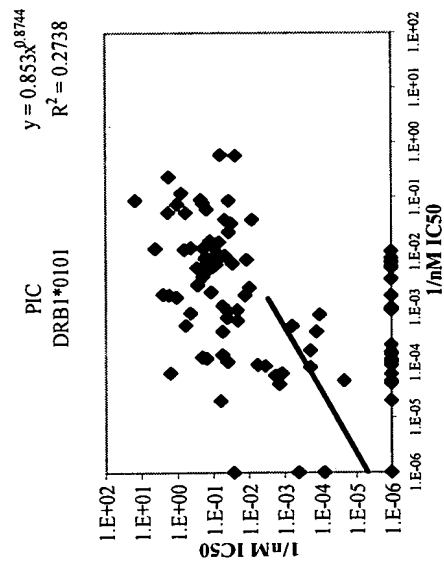


FIG. 5B

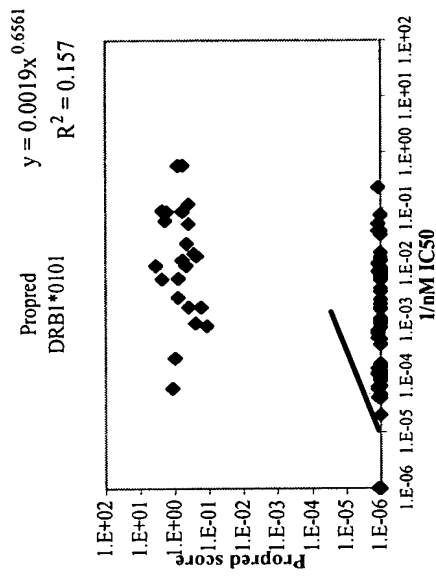


FIG. 5B

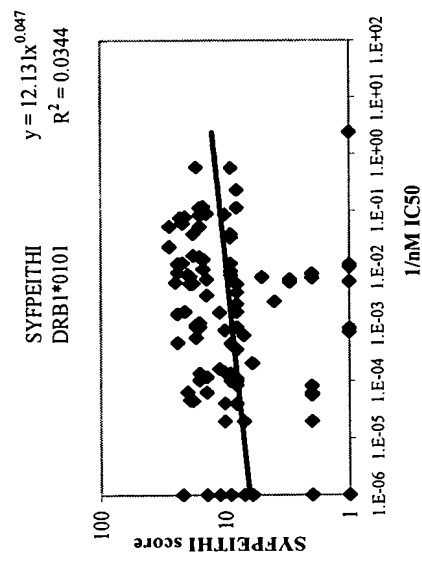


FIG. 5C

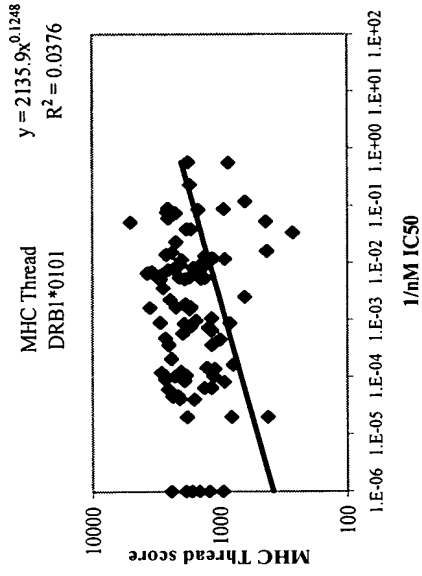


FIG. 5D

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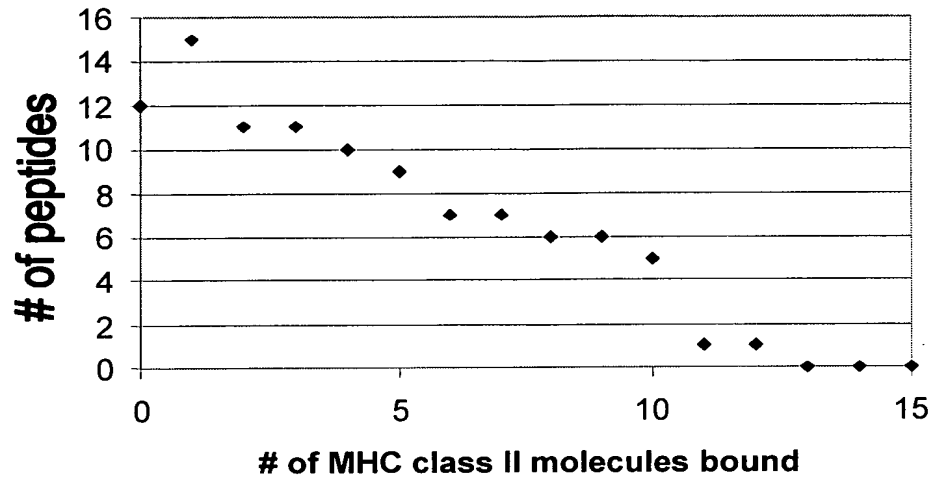


FIG. 6

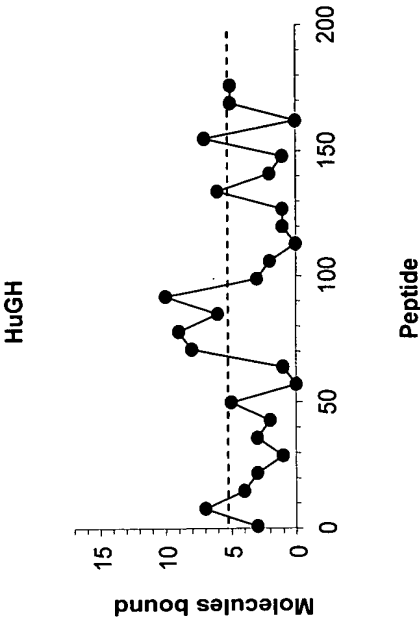


FIG. 7B

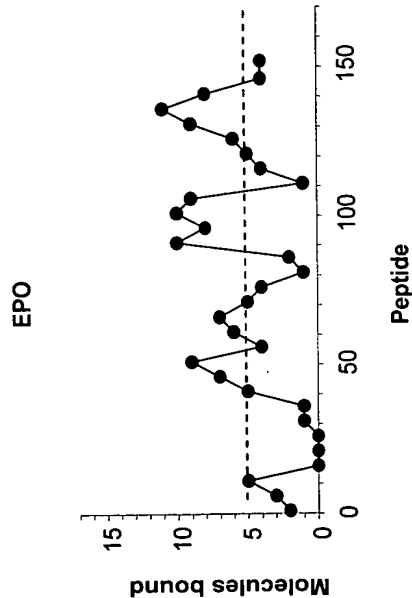


FIG. 7A

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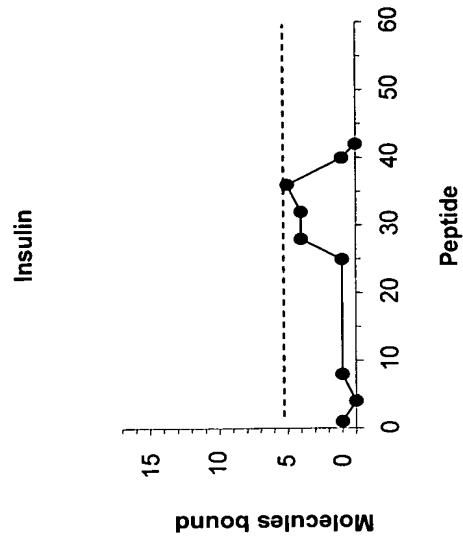


FIG. 7D

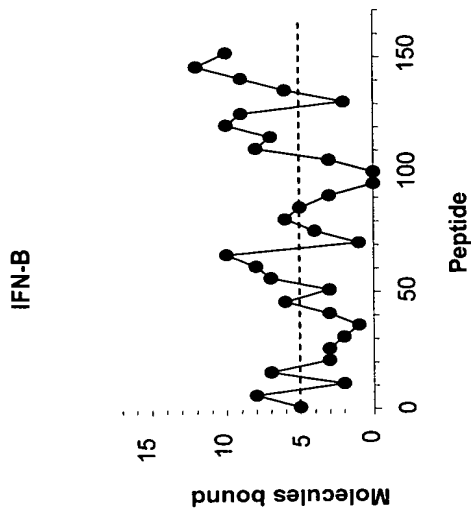


FIG. 7C

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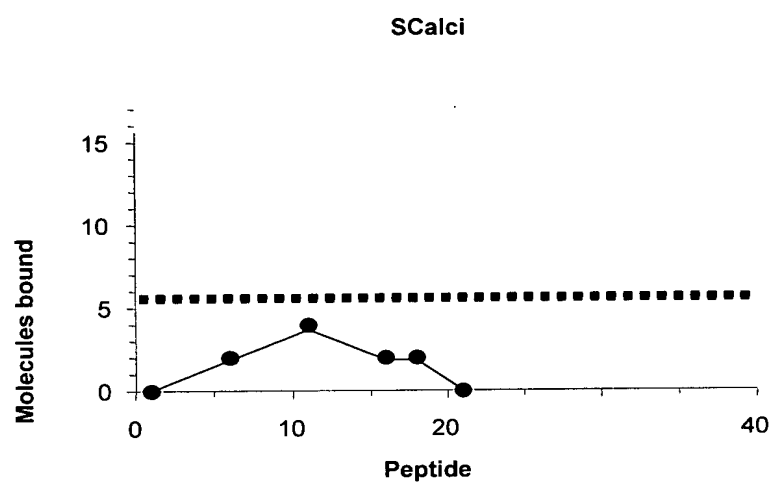


FIG. 7E

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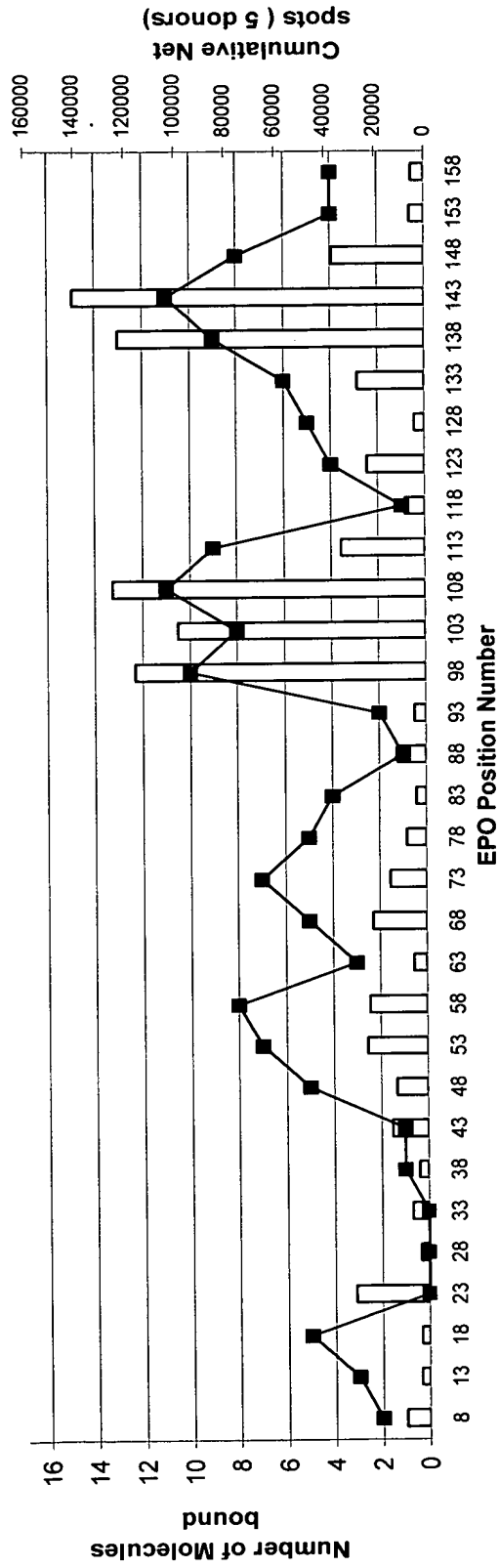


FIG. 8A

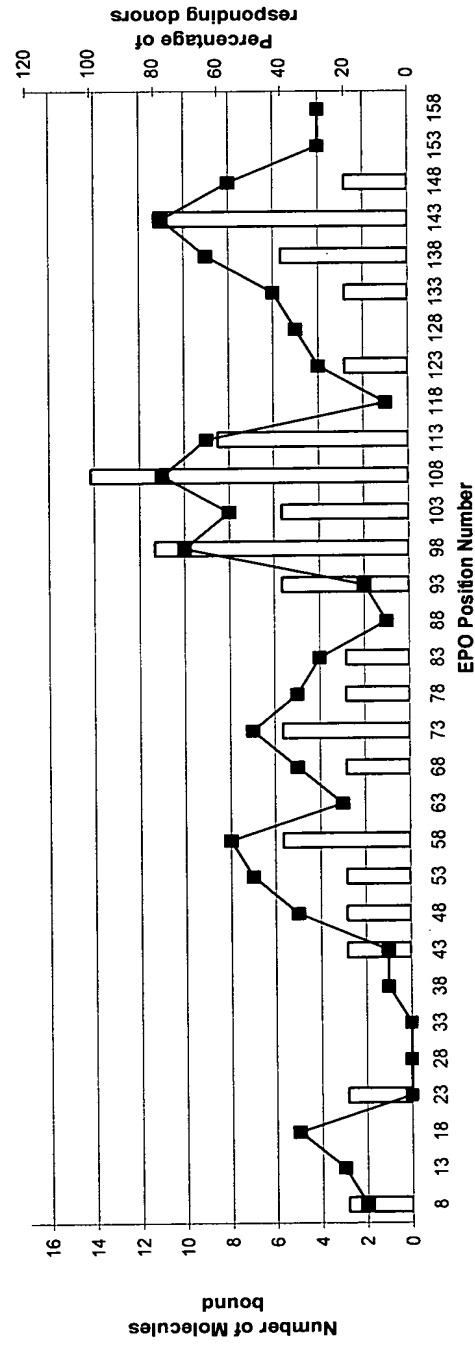


FIG. 8B

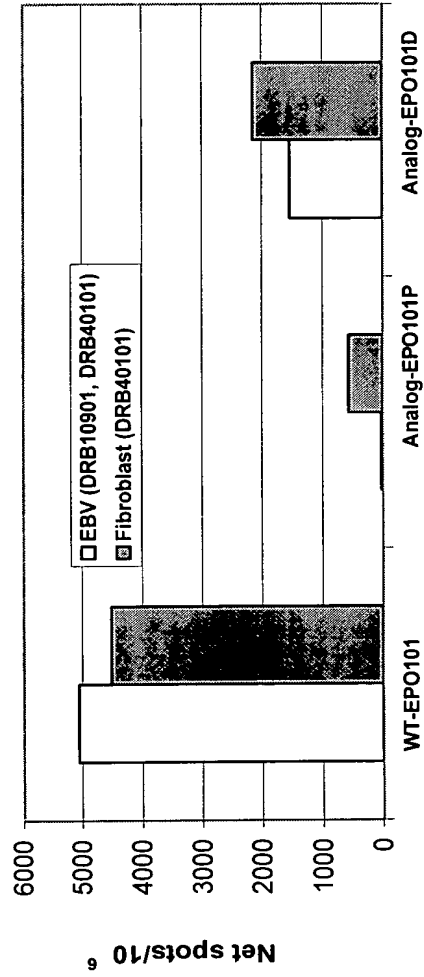


FIG. 9A

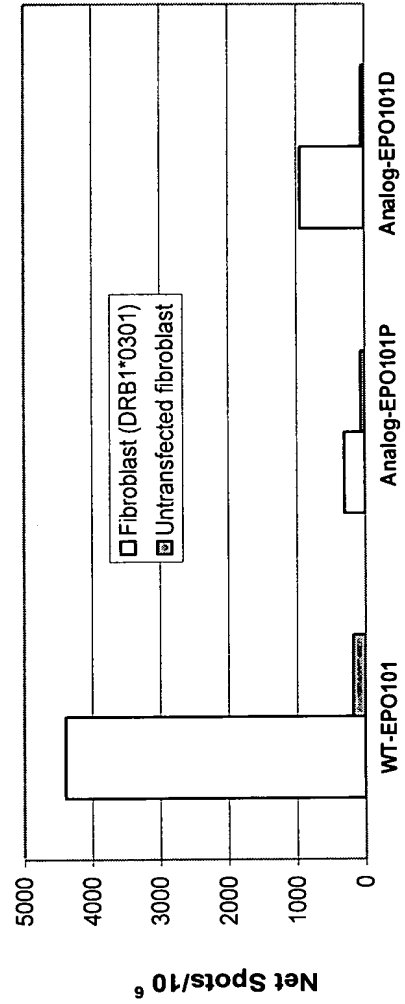


FIG. 9B

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1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITTGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAVEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	171
HVDKAVSGLR	<u>SLTTLLRALG</u>	<u>AQ</u> KEAISPPD	AASAAPLRTI	<u>TADTFRKLF</u> R	
<u>VYSNFLRGKL</u>					
181	191				
KLYTGEACRT	GDR				

Signal sequence amino acids 1-27
EPO protein amino acids 28-193

FIG. 10A

1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAVEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	
HVDKAVSG <u>Pr</u> <u>SLTLLRALG</u> <u>AQ</u> KEAISPPD AASAAPLRTI <u>TADTFERKLFR</u>					
171	181				
<u>VYD</u> NFLRGKL KLYTGEACRT GDR					

Signal sequence amino acid 1-27
EPO protein amino acids 28-193

FIG. 10B

1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITTGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAVEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	
HVDKAVSGLR	<u>SLTDLLRALG</u>	<u>AQ</u> KEAISPPD	AASAAPLRTI	<u>TADTFRKLFR</u>	
171	181	191			
<u>VYDNFLRGKL</u>	KLYTGEACRT	GDR			

Signal sequence amino acids 1-27
EPO protein amino acids 28-193

FIG. 10C

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1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITTGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAVEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	
HVDKAVSG	<u>Gr</u>	<u>SLTDLLRALG</u>	<u>AQ</u> KEAISPPD	AASAAPLRTI	<u>TADTFRKLF</u> R
171	181	191			
<u>VYD</u> NFLRGKL	KLYTGEACRT	GDR			

Signal sequence amino acids 1-27
EPO protein amino acids 28-193

FIG. 10D

1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAQEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	
HVDKAVSG	<u>Pr</u>	<u>SLTDLLRALG</u>	<u>AQ</u> KEAISPPD	AASAAPLRTI	<u>TADTFRKLF</u> R

VYDNFLRGKL KLYTGEACRT GDR

Signal sequence amino acids 1-27
EPO protein amino acids 28-193

FIG. 10E

1	11	21	31	41	51
MGVHECPAWL	WLLLSLLSLP	LGLPVLGAPP	RLICDSRVLE	RYLLEAKEAE	NITTGCAEHC
61	71	81	91	101	111
SLNENITVPD	TKVNFYAWKR	MEVGQQAQEV	WQGLALLSEA	VLRGQALLVN	SSQPWEPLQL
121	131	141	151	161	
HVDKAVSG	<u>S</u> R	SLT D LLRALG	<u>A</u> QKEAISPPD	AASAAPLRTI	TAD T FRKL F R
171	181	191			
<u>VYD</u> NFLRGKL	KLYTGEACRT	GDR			

Signal sequence amino acids 1-27
EPO protein amino acids 28-193

FIG. 10F